

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.Y./

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet	1	of	5	Application Number	10/691,993
				Filing Date	October 22, 2003
				First Named Inventor:	J. Scott Mulligan
				Art Unit	2193
				Examiner Name	Michael Yaary
				Attorney Docket Number	4860P3194

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
/M.Y./		US-	4,747,040	5/24/1988	Blanset et al.	
		US-	5,040,110	8/13/1991	Miki et al.	
		US-	5,146,568	9/8/1992	Flaherty et al.	
		US-	5,257,378	10/26/1993	Sideserf et al.	
		US-	5,280,627	1/18/1994	Flaherty et al.	
		US-	5,325,529	6/28/1994	Brown et al.	
		US-	5,339,430	8/16/1994	Lundin et al.	
		US-	5,452,454	9/19/1995	Basu, Tushar K.	
		US-	5,483,647	1/9/1996	Yu et al.	
		US-	5,603,011	2/11/1997	Piazza, William J.	
		US-	5,666,293	9/9/1997	Metz et al.	
		US-	5,724,530	3/3/1998	Stein et al.	
		US-	5,742,829	4/21/1998	Davis et al.	
		US-	5,754,774	5/19/1998	Bittinger et al.	
		US-	5,758,165	5/26/1996	Shuff	
		US	5,764,992	6/9/1998	Kullick et al.	
		US	5,802,297	9/1/1998	Engquist	
		US	5,842,011	11/24/1998	Basu	
		US	5,859,978	1/1/1999	Sonderegger et al.	
		US	5,918,047	6/29/1999	Mealey et al.	
		US	5,926,631	7/20/1999	McGarvey	
		US	5,948,101	9/7/1999	David et al.	
		US	5,968,170	10/19/1999	Gross et al.	
		US	5,974,547	10/26/1999	Klimenko	
		US	6,006,034	12/21/1999	Heath et al.	
		US	6,009,274	12/28/1999	Fletcher et al.	
		US	6,016,400	1/18/2000	Day et al.	
		US	6,016,402	1/18/2000	Thomas et al.	
		US	6,038,601	3/14/2000	Lambert et al.	
		US	6,067,618	5/23/2000	Weber, Harold J.	

Examiner Signature	/Michael Yaary/	Date Considered	03/17/2010
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Based on Form PTO/SB/08A (08-03) as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 09/10/03.

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/691,993
Filing Date	October 22, 2003
First Named Inventor:	J. Scott Mulligan
Art Unit	2193
Examiner Name	Michael Yaary

Sheet	2	of	5	Attorney Docket Number	4860P3194
-------	---	----	---	------------------------	-----------

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
/M.Y./		US-	6,128,734	10/3/2000	Gross et al.	
		US-	6,130,668	10/10/2000	Stein	
		US-	6,134,614	10/17/2000	Chari et al.	
		US-	6,161,176	12/12/2000	Hunter et al.	
		US-	6,163,853	12/19/2000	Findlay et al.	
		US-	6,170,008	1/2/2001	Bahlmann et al.	
		US-	6,175,917	1/16/2001	Arrow et al.	
		US-	6,175,918	1/16/2001	Shimizu	
		US-	6,178,503	1/23/2001	Madden et al.	
		US-	6,185,678	2/6/2001	Arbaugh et al.	
		US-	6,199,204	3/6/2001	Donohue	
		US-	6,202,091	3/13/2001	Godse	
		US-	6,204,847	3/20/2001	Wright	
		US-	6,205,473	3/20/2001	Thomasson et al.	
		US-	6,209,031	3/27/2001	Casey et al.	
		US	6,209,089	3/27/2001	Selitrennikoff et al.	
		US	6,253,209	6/26/2001	Chase-Salerno et al.	
		US	6,260,068	7/10/2001	Zalewski et al.	
		US	6,266,809	7/24/2001	Craig et al.	
		US	6,269,396	7/31/2001	Shah et al.	
		US	6,279,030	8/21/2001	Britton et al.	
		US	6,279,109	8/21/2001	Brundridge	
		US	6,292,941	9/18/2001	Jollands	
		US	6,314,438	11/6/2001	Stein et al.	
		US	6,317,826	11/13/2001	McCall et al.	
		US	6,330,653	12/11/2001	Murray et al.	
		US	6,330,715	12/11/2001	Razzaghe-Ashrafi	
		US	6,334,149	12/25/2001	Davis Jr. et al.	
		US	6,345,294	2/5/2002	O'Toole et al.	
		US	6,345,309	2/5/2002	Ohsawa et al.	

Examiner Signature	/Michael Yaary/	Date Considered	03/17/2010
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/691,993
Filing Date	October 22, 2003
First Named Inventor:	J. Scott Mulligan
Art Unit	2193
Examiner Name	Michael Yaary

Sheet	3	of	5	Attorney Docket Number	4860P3194
-------	---	----	---	------------------------	-----------

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
/M.Y./		US- 6,357,040	3/12/2002	Porter	
		US- 6,374,363	4/16/2002	Wu et al.	
		US- 6,401,093	6/4/2002	Anand et al.	
		US- 6,421,777	7/16/2002	Pierre-Louis et al.	
		US- 6,434,695	8/13/2002	Esfahani et al.	
		US- 6,438,683	8/20/2002	Endsley, Jay A.	
		US- 6,456,203	10/15/2002	Shomaker et al.	
		US- 6,466,972	10/15/2002	Paul et al.	
		US- 6,477,642	11/5/2002	Lupo, Van Anthony	
		US- 6,487,601	11/26/2002	Hubacher et al.	
		US- 6,490,677	12/3/2002	Aguilar et al.	
		US- 6,505,243	1/7/2003	Lortz	
		US- 6,513,061	1/28/2003	Ebata et al.	
		US- 6,519,633	2/11/2003	Kubik et al.	
		US- 6,529,948	3/4/2003	Bownan-Amuah, M. K.	
		US- 6,535,976	3/18/2003	Hoggarth et al.	
		US- 6,543,004	4/1/2003	Cagle et al.	
		US- 6,564,232	5/13/2003	Cole et al.	
		US- 6,578,069	6/10/2003	Hopmann et al.	
		US- 6,611,915	8/26/2003	Kubik et al.	
		US- 6,625,754	9/28/2003	Aguilar et al.	
		US- 6,631,442	10/7/2003	Blumenau	
		US- 6,633,916	10/14/2003	Kauffman	
		US- 6,718,549	4/6/2004	Narin et al.	
		US- 6,735,741	5/11/2004	Pannu	
		US- 6,751,658	6/15/2004	Haun et al.	
		US- 6,757,706	6/29/2004	Dong et al.	
		US- 6,976,057	12/13/2005	Yoshiasa	
		US- 2003/0088716	5/8/2003	Sanders	
		US- 2006/0206450	9/14/2006	Fletcher et al.	
		US- 2008/0209410	8/28/2008	Demsky et al.	

Examiner Signature	/Michael Yaary/	Date Considered	03/17/2010
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/691,993
Filing Date	October 22, 2003
First Named Inventor:	J. Scott Mulligan
Art Unit	2193
Examiner Name	Michael Yaary

Sheet	4	of	5	Attorney Docket Number	4860P3194
--------------	----------	-----------	----------	------------------------	-----------

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/M.Y./		"Device Configuration Assistant Design Overview" Sun Microsystems, 1999 (8 pages)	
/M.Y./		"Etherboot," downloaded from www.sluq.org.au/etherboot/ on 10/11/1999, 4 pages	
/M.Y./		"Netboot Introduction", Downloaded from www.han.de/~about_gero/netboot/english/introduction.html on Oct. 11, 1999, 13 pages	
/M.Y./		Alexander, S. "HDCP Options and BOOTP Vendor Extensions" Network Working Group, RFC 2132, Mar. 1997 (34 pages)	
/M.Y./		Arbaugh, William A., et al. "A Secure and Reliable Bootstrap Architecture" IEEE Symposium on Security and Privacy, May 4-5, 1997, pp. 65-71	
/M.Y./		Burke, Michael G. et al., "The Jalapeno Dynamic Optimizing Compiler for Java™," IBM Thomas J. Watson Research Center, 1999 (14 pages)	
/M.Y./		Campbell, Andrew T. et al., "A Survey of Programmable Networks," 1999	
/M.Y./		Chuang, Shaw-Cheng et al., "A Case Study of Secure ATM Switch Booting," IEEE 1996 (10 pages)	
/M.Y./		Croft, Bill and Gilmore, John. "Bootstrap Protocol (BOOTP)" Network Working Group RFC 951, Sep. 1985 (12 pages)	
/M.Y./		Davidson, Rusel and MacKinnon James G., "Bootstrap Tests: How Many Bootstraps?" June 1998 (15 pages)	
/M.Y./		Estrin, Deborah et al. "A Dynamic Bootstrap Mechanism for Rendezvous-Based Multicast Routing" IEEE INFOCOM '99. Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies. vol. 3, Mar. 21-25, 1999, pp. 1090-1098	

Examiner Signature	/Michael Yaary/	Date Considered	03/17/2010
--------------------	-----------------	-----------------	------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/691,993
Filing Date	October 22, 2003
First Named Inventor:	J. Scott Mulligan
Art Unit	2193
Examiner Name	Michael Yaary

Sheet	5	of	5	Attorney Docket Number	4860P3194
--------------	----------	-----------	----------	------------------------	-----------

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/M.Y./		Ford, Bryan et al. "The Flux OS Toolkit: Reusable Components for OS Implementation" IEEE May 5-6, 1997, pp. 14-19	
/M.Y./		Ford, Bryan et al., "The Flux OS Kit: A Substrate for Kernel and Language Research," 1997 (15 pages)	
/M.Y./		Hesterberg, Tim C., "Bootstrap Tilting Interference and Large Data Sets- Proposal to NSF SBIR Program," June 11, 1998, pp. 2-22	
/M.Y./		Hobbs, M.J. et al., "Booting of the RHODOS Distributed Operating System," September 8, 1984 (18 pages)	
/M.Y./		Kaszeta, Rich "A New Use for Old and Outdated PC's," Downloaded from www.menet.umn.edu/kaszeta/unix/xterminal/index.html on Oct. 11, 1999, 8 pages	
/M.Y./		Reynolds, J. "BOOTP Vendor Information Extensions" Network Working Group RFC 1395, Jan. 1993 (8 pages)	
/M.Y./		Uhlig, Richard et al., "Trap-Driven Simulation with Tapeworm II," 6th Int. Conf. Architectural Support for Programming Languages and Operating Systems (ASPLOS-VI), Oct. 1994, pgs. 1-13	
/M.Y./		Wimer, W. "Clarifications and Extensions for the Bootstrap Protocol" Network Working Group, RFC 1532, Oct. 1993 (22 pages)	
/M.Y./		Wong, P.K. "Remote Boot Windows 95a Step by Step Instructions," Downloaded from wpkgate.kc.com.my/remoteboot/win95.text on Oct. 11, 1999, 5 pages	
/M.Y./			
/M.Y./			

Examiner Signature	/Michael Yaary/	Date Considered	03/17/2010
--------------------	-----------------	-----------------	------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.